

0191 DA
TSG/ESD/TEB-148/71
19 November 1971

MEMORANDUM FOR THE RECORD

SUBJECT: Hi-Intensity Light Source [REDACTED]

1. The light source was first received by TEB, 10 November 1971. It was set up according to instructions supplied and one test run was made utilizing the Gamma Spectroradiometer, Model 3000, and the H-P Data Acquisition System in order to determine the color temperature of the source.

2. Due to the 3120°K temperature obtained, compared to the 5000°K expected, and because of the erratic action of the spectroradiometer, the light source was rechecked 15 November 1971. Two test runs were made to check the color temperature of a standard lamp in order to determine if the spectroradiometer was operating properly. Three test runs were made on [REDACTED] light source. The spectroradiometer proved to be operating properly. Readings similar to the first ones run on 10 November were obtained on the hi-intensity light source.

3. The results of the test are the following:

Average of Four Test Runs

Color Temp. of Source = 3120°K (3109° - 3148° Range)
Color Rendering Index = 98.4
Chromaticity Coordinate X = .4275
Y = .3987

Distribution:

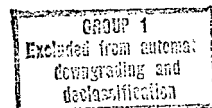
Original - Chrono

1 - Proj File [REDACTED]

1 - RED [REDACTED]

Declassification Review by NGA/DoD

SECRET



25X1

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